

# INDEX

- Absalom, H. W. L.; *retirement*, 248  
 Account of weather and table of rainfall, 341  
 Air waves from a volcanic explosion; K. H. Stewart, 1  
 Andrew, W. L.; *retirement*, 27  
 Annual meteorological tables, 1955. Falkland Islands and Dependencies Meteorological Service; *book received*, 61  
 Annual meteorological tables, 1956. Falkland Islands and Dependencies Meteorological Service; *book received*, 61  
 Annual meteorological tables, 1957. Falkland Islands and Dependencies Meteorological Service; *book received*, 221  
 Applications of statistics in meteorology (Hans A. Panofsky and Glenn W. Brier); *review* by J. M. Craddock, 88  
 Atkins, Dr. W. R. G.; *obituary* by F. J. Scrase, 187  
 Atmosphärische Elektrizität, Teil I: Grundlagen, Ionen, Leitfähigkeit (Probleme der kosmischen Physik Band 29.) (H. Israël); *review* by T. W. Wormell, 119  
 Atmospheric explorations (editor H. G. Houghton); *review* by B. C. V. Oddie, 282  
 Attempt at the assessment of divergence at Singapore; K. Bryant, 270  
 Average height of the standard isobaric surfaces over the temperate and tropical regions in January and July; H. Heastie, 293  
 Averages of rainfall for Great Britain and Northern Ireland, 1916-1950; *official publication*, 25  
 Award of L. G. Groves Memorial Award for Air Meteorological Observers to Flight Lieutenant R. E. Parsons, 26  
 Award of L. G. Groves Memorial Prize for Meteorology to Dr. R. J. Murgatroyd, 26  
 Banner cloud over the Matterhorn; G. J. Jefferson, 311, *photographs between* 312, 313  
 Bannon, J. K.; Meteorology of the Antarctic, *review*, 155  
 Barlow, E. W.; *retirement*, 27  
 Belton, A. R.; Circumscribed halo, 56  
 Best, A. C.; Runway light range as a subjective measurement, 161  
 Beynon, A.; Waterspout at Nassau, Bahamas, 12 April 1957; 47  
 Bleasdale, A.; From earthquake, fire and flood, *review*, 152  
 Blocking anticyclones in the Atlantic-European sector of the northern hemisphere; E. J. Sumner, 300  
 Blowing snow on the St. Albans to Hatfield road at Oaklands at 2 p.m., 25 February 1958, *photograph facing* 16  
 Booth, R. E.; Temperature gradient at Blackpool, 110  
 Booth, R. E.; Weather of 1958 in the British Isles, 66  
 British weather in maps (J. A. Taylor and R. A. Yates); *review* by A. H. Gordon, 220  
 Brunt, Sir David; awarded K.B.E., 248  
 Bryant, K.; Attempt at the assessment of divergence at Singapore, 270  
 Buchanan, A. A. V.; *retirement*, 343  
 Bull, G. A.; Pakistan Meteorological Service, 57  
 Burton, W. N.; Rime ice photographs, 57  
 Casswell, S. A.; A device for relating descriptive terms to air temperatures, 43  
 Centenary of observations at Ross-on-Wye, 280  
 Chalmers, J. A.; Lehrbuch der Luftelektrizität, *review*, 252  
 Chivers, Miss H. G.; *retirement*, 281  
 Circumscribed halo; A. R. Belton, 56  
 Clapham, Miss A. J.; *retirement*, 58  
 Clear-air turbulence; F. H. Dight, 246  
 Clements, R. H.; Everyday meteorology, *review*, 343  
 Climate and economic development in the tropics (Douglas H. K. Lee); *review* by A. G. Forsdyke, 83  
 Clinch, E. L.; *retirement*, 249  
 Closing of Croydon Airport, 340  
 Collingbourne, R. H.; On the ring current hypothesis, *review*, 283  
 Compendium of mathematics and physics (Dorothy S. Meyler and Sir Graham Sutton); *review* by J. B. Rigg, 251  
 Compteur d'orages Suisse (J. Lugeon et J. Ricker); *book received*, 189  
 Conditions in a south-easterly airflow over southern East Anglia; P. S. Griffiths, 311  
 Conference of Commonwealth Meteorologists; C. W. G. Daking, 240, *photograph facing* 241  
 Convection as an indirect cause of deterioration at Ternhill on 29 April 1959; F. M. Kargol, 20  
 Court, G. E.; *retirement*, 282  
 Craddock, J. M.; Special Merit promotion to Senior Principal Scientific Officer, 279  
 Crichton, J.; *obituary*, 91  
 Daking, C. W. G.; Conference of Commonwealth Meteorologists, 240, *photograph facing* 241  
 Daking, C. W. G.; Third Congress of the World Meteorological Organization, 203  
 Device for relating descriptive terms to air temperature; S. A. Casswell, 43  
 Dight, F. H.; Clear-air turbulence, 246  
 Director of the Canadian Meteorological Service, *retirement*, 341  
 Diurnal variation of stratus cloud at Pembroke Dock; A. D. Krill, 45  
 Durst, C. S.; Measurement of turbulence in the free atmosphere, 272  
 Durst, C. S.; Thaw fog, 334  
 Dynamical and physical meteorology (G. J. Haltiner and F. L. Martin); *review* by E. Knighting, 121  
 Earthquake, fire and flood (R. Hewitt); *review* by A. Bleasdale, 152  
 Effects of gusts on aircraft; A. E. Parker, 225

# INDEX

- Absalom, H. W. L.; *retirement*, 248  
 Account of weather and table of rainfall, 341  
 Air waves from a volcanic explosion; K. H. Stewart, 1  
 Andrew, W. L.; *retirement*, 27  
 Annual meteorological tables, 1955. Falkland Islands and Dependencies Meteorological Service; *book received*, 61  
 Annual meteorological tables, 1956. Falkland Islands and Dependencies Meteorological Service; *book received*, 61  
 Annual meteorological tables, 1957. Falkland Islands and Dependencies Meteorological Service; *book received*, 221  
 Applications of statistics in meteorology (Hans A. Panofsky and Glenn W. Brier); *review* by J. M. Craddock, 88  
 Atkins, Dr. W. R. G.; *obituary* by F. J. Scrase, 187  
 Atmosphärische Elektrizität, Teil I: Grundlagen, Ionen, Leitfähigkeit (Probleme der kosmischen Physik Band 29.) (H. Israël); *review* by T. W. Wormell, 119  
 Atmospheric explorations (editor H. G. Houghton); *review* by B. C. V. Oddie, 282  
 Attempt at the assessment of divergence at Singapore; K. Bryant, 270  
 Average height of the standard isobaric surfaces over the temperate and tropical regions in January and July; H. Heastie, 293  
 Averages of rainfall for Great Britain and Northern Ireland, 1916-1950; *official publication*, 25  
 Award of L. G. Groves Memorial Award for Air Meteorological Observers to Flight Lieutenant R. E. Parsons, 26  
 Award of L. G. Groves Memorial Prize for Meteorology to Dr. R. J. Murgatroyd, 26  
 Banner cloud over the Matterhorn; G. J. Jefferson, 311, *photographs between* 312, 313  
 Bannon, J. K.; Meteorology of the Antarctic, *review*, 155  
 Barlow, E. W.; *retirement*, 27  
 Belton, A. R.; Circumscribed halo, 56  
 Best, A. C.; Runway light range as a subjective measurement, 161  
 Beynon, A.; Waterspout at Nassau, Bahamas, 12 April 1957; 47  
 Bleasdale, A.; From earthquake, fire and flood, *review*, 152  
 Blocking anticyclones in the Atlantic-European sector of the northern hemisphere; E. J. Sumner, 300  
 Blowing snow on the St. Albans to Hatfield road at Oaklands at 2 p.m., 25 February 1958, *photograph facing* 16  
 Booth, R. E.; Temperature gradient at Blackpool, 110  
 Booth, R. E.; Weather of 1958 in the British Isles, 66  
 British weather in maps (J. A. Taylor and R. A. Yates); *review* by A. H. Gordon, 220  
 Brunt, Sir David; awarded K.B.E., 248  
 Bryant, K.; Attempt at the assessment of divergence at Singapore, 270  
 Buchanan, A. A. V.; *retirement*, 343  
 Bull, G. A.; Pakistan Meteorological Service, 57  
 Burton, W. N.; Rime ice photographs, 57  
 Casswell, S. A.; A device for relating descriptive terms to air temperatures, 43  
 Centenary of observations at Ross-on-Wye, 280  
 Chalmers, J. A.; Lehrbuch der Luftelektrizität, *review*, 252  
 Chivers, Miss H. G.; *retirement*, 281  
 Circumscribed halo; A. R. Belton, 56  
 Clapham, Miss A. J.; *retirement*, 58  
 Clear-air turbulence; F. H. Dight, 246  
 Clements, R. H.; Everyday meteorology, *review*, 343  
 Climate and economic development in the tropics (Douglas H. K. Lee); *review* by A. G. Forsdyke, 83  
 Clinch, E. L.; *retirement*, 249  
 Closing of Croydon Airport, 340  
 Collingbourne, R. H.; On the ring current hypothesis, *review*, 283  
 Compendium of mathematics and physics (Dorothy S. Meyler and Sir Graham Sutton); *review* by J. B. Rigg, 251  
 Compteur d'orages Suisse (J. Lugeon et J. Ricker); *book received*, 189  
 Conditions in a south-easterly airflow over southern East Anglia; P. S. Griffiths, 311  
 Conference of Commonwealth Meteorologists; C. W. G. Daking, 240, *photograph facing* 241  
 Convection as an indirect cause of deterioration at Ternhill on 29 April 1959; F. M. Kargol, 20  
 Court, G. E.; *retirement*, 282  
 Craddock, J. M.; Special Merit promotion to Senior Principal Scientific Officer, 279  
 Crichton, J.; *obituary*, 91  
 Daking, C. W. G.; Conference of Commonwealth Meteorologists, 240, *photograph facing* 241  
 Daking, C. W. G.; Third Congress of the World Meteorological Organization, 203  
 Device for relating descriptive terms to air temperature; S. A. Casswell, 43  
 Dight, F. H.; Clear-air turbulence, 246  
 Director of the Canadian Meteorological Service, *retirement*, 341  
 Diurnal variation of stratus cloud at Pembroke Dock; A. D. Krill, 45  
 Durst, C. S.; Measurement of turbulence in the free atmosphere, 272  
 Durst, C. S.; Thaw fog, 334  
 Dynamical and physical meteorology (G. J. Haltiner and F. L. Martin); *review* by E. Knighting, 121  
 Earthquake, fire and flood (R. Hewitt); *review* by A. Bleasdale, 152  
 Effects of gusts on aircraft; A. E. Parker, 225

Equivalent headwinds at heights of 30,000 and 40,000 feet along air routes (supplemented and revised). P. Graystone; *official publication*, 25

Estimation of maximum day temperature from the tephigram; G. J. Jefferson, 151

Everyday meteorology (A. A. Miller and M. Parry); *review* by R. H. Clements, 343

Exceptionally sunny and unusually warm and dry February in Athens, Greece; P. P. Karapiperis, 55

Exploring the atmosphere's first mile; *review* by L. Jacobs, 84

Factors leading to the meridional extension of thermal troughs and some forecasting criteria derived from them; M. K. Miles, 193

Farming weather (L. P. Smith); *review* by N. V. Stopford-Sackville, 154

Farnborough weather flight; M. P. Garrod, 142

First results of the Meteorological Office experiments on the artificial stimulation of rainfall; B. C. V. Oddie, 129

Forecasting cirrus; *Meteorological Office discussion*, 74

Forecasting precipitation; J. L. Galloway, 54

Forsdyke, A. G.; Climate and economic development in the tropics, *review*, 83

Forster, H.; *retirement*, 281

Frequency and intensity of showers in southern England in relation to upper air soundings; 135

Frequency of fog in the London area compared with that in rural areas of East Anglia and south-east England; H. C. Shellard, 321

Frith, R.; A note on the effect of radiation errors on the measurement of temperature inversions by radio-sonde, 328

Frost, R.; Rate of ascent of free balloons, 70

Gallagher, J. G.; Record low temperature at Shawbury, 15

Galloway, J. L.; Forecasting precipitation, 54

Garrod, M. P.; The Farnborough weather flight, 142

Geographical distribution of clear-air turbulence; H. S. Turner, 33

Gethin, Flt. Lieut. R. T.; Air Efficiency Award, 282

Gilbert, E. G.; Weatherwise gardening, *review*, 156

Glasspoole, J.; Recent seasonal climatic trends of pressure and temperature variability over Great Britain, 137

Gloyne, R. W.; Note on a tabulated function for use with two-dimensional wind distributions, 170

Gordon, A. H.; British weather in maps, *review*, 220

Gordon, A. H.; Twenty years after, 257, *photographs facing* 277

Gornergetscher Glaciological Survey 1959-60, 90

Green, F. H. W.; Low humidity in the Cairngorms, 2 April 1958, 54

Griffiths, P. S.; Conditions in a south-easterly airflow over southern East Anglia, 311

Grinstead, W. A.; Rainbow; Port of Spain, Trinidad, 55

Hail; *Meteorological Office discussion*, 178

Halo complex, 2 March 1954, 119

Hamilton, R. A.; Temperature gradient in the air above an ice sheet, 38

Handbook of weather messages, 3rd Edn.; *official publication*, 317

Hanson, W. R.; *obituary*, 219

Hawke, E. L.; Low temperature and cold Easters, 313

Heastie, H.; Average height of the standard isobaric surfaces over the temperate and tropical regions in January and July, 293

Hemens, L. G.; *retirement*, 93

Herbert, C. S.; *obituary*, 342

Higgins, Miss D. R. M.; *obituary*, 248

Hogarth, D. F., Radok, U., and Schultz, K. G.; Some upper wind observations for the tropical Indian Ocean, 97

Howard, A. G. W.; *obituary*, 248

Huckle, Miss V. M.; *obituary*, 26

Indian journal of meteorology and geophysics (quarterly), 9, No. 3; *book received*, 29

International Meteorological Organization Prize for 1959, 247

Introduction to meteorology (S. Pettersen); *review* by H. B. Rowles, 344

Investigation of atmospheric pollution. Research and observations in the year ended 31 March 1957; *book received*, 188

Jacobs, L.; Exploring the atmosphere's first mile, *review*, 84

Jacobs, L.; Pico-Aerologische Untersuchungen über Temperatur- und Windverhältnisse der boden-nahen Schicht bis 10 m. Höhe in Lindenberg, *review*, 85

James, G. B. K.; *retirement*, 188

James, D. G., and Smith, R. C.; Twenty-four hour forecasts by the method of Estoque, 171

Jefferson, G. J.; Banner cloud over the Matterhorn, 311, *photographs between* 312, 313

Jefferson, G. J.; The estimation of maximum day temperature from a tephigram, 151

Karapiperis, P. P.; An exceptionally sunny and unusually warm and dry February in Athens, Greece, 55

Kargol, F. M.; Convection as an indirect cause of deterioration at Ternhill on 29 April 1959, 20

Knighting, E.; Dynamical and physical meteorology, *review*, 121

Knighting, E.; Meteor, 266, *photographs between* 268, 269

Krill, A. D.; Diurnal variation of stratus cloud at Pembroke Dock, 45

- Lamb, H. H.; *Physikalisch-Statistische Regeln als Grundlagen für Wetter- und Witterungsvorhersagen*, Bd. II, *review*, 346
- Last Thum flight, 245
- Late rainfall reports—1958 (Great Britain and Northern Ireland), 29
- Lee, Miss D. G.; awarded M.B.E., 58
- Lehrbuch der Luftelektrizität (E. von Kilinski); *review* by J. A. Chalmers, 252
- Lightning photographs, 5 September 1958, 189
- Light scattering by small particles (H. C. van de Hulst); *review* by R. Wilson, 59
- Low humidity in the Cairngorms, 2 April 1958; F. H. W. Green, 54
- Low humidities in upland South Wales, January and February 1959; J. Oliver, 277
- Low temperatures and cold Easters in England; E. L. Hawke, 313
- Lumb, F. E.; Quick method of allowing for trajectory curvature when estimating the gradient wind from forecast contour charts for westbound North Atlantic flights, 262
- Lupton, A. H.; *retirement*, 281
- Marshall, W. A. L.; *retirement*, 281
- Mayers, A. E.; *retirement*, 343
- McDowall, J.; awarded O.B.E., 248
- McIntosh, D. H.; *Solar-terrestrische Beziehungen in Meteorologie und Biologie*, *review*, 89
- Measurement of turbulence in the free atmosphere; C. S. Durst, 272
- Medhurst, Flt. Lieut. R. H.; Air Efficiency Award, 317
- Metcalfe, F.; *obituary*, 58
- Meteor; E. Knighting, 266, *photographs between* 268, 269
- Meteorology of the Antarctic (edited by Van Rooy); *review* by J. K. Bannon, 155; *corrigenda*, 218
- Meteorological measurements at airfields; *Meteorological Office discussion*, 145; *corrigenda*, 251
- Meteorological Office awards to captains and navigators of civil aircraft, 244
- Miles, M. K.; Factors leading to the meridional extension of thermal troughs and some forecasting criteria derived from them, 193
- Meteorological Research Committee, 22
- Mills, A. D.; *retirement*, 125
- Mulholland, P. I.; *retirement*, 27
- Murgatroyd, R. J.; *Planetary and space science*, Vol. 1, No. 1, *review*, 349
- Murray, R.; Snow in relation to certain synoptic parameters, 324
- Murray, R., and Coulthard, G. A.; A thunderstorm at Sharjah, Persian Gulf, on 23 November 1957, 176
- Natural aerodynamics (R. S. Scorer); *review* by C. E. Wallington, 345
- New Meteorological Office Headquarters, Bracknell, Berks., 112, *photographs between* 112, 113
- Nine minutes of cloud decay; G. W. Reynolds, 144, *photographs between* 144, 145
- Note on the effect of radiation errors on the measurement of temperature inversions by radio-sonde; R. Frith, 328
- Note on a tabulated function for use with two-dimensional wind distributions; R. W. Gloyne, 170
- Objective methods of local forecasting; *Meteorological Office discussion*, 207
- O'Connor, M.; *obituary*, 157
- Oddie, B. C. V.; *Atmospheric explorations*, *review*, 282
- Oddie, B. C. V.; First results of the Meteorological Office experiments on the artificial stimulation of rainfall, 129, *corrigenda*, 250
- Oddie, B. C. V.; The threshold of space, *review*, 123
- Oliver, J.; Low humidities in upland South Wales, January and February 1959, 277
- Oliver, J.; Rainfall variations over a small area, 289
- Orographic waves over Malta; R. K. Pilsbury, 17, *photographs between* 16, 17; *corrigenda*, 189
- Pair of colour film strips on clouds; and notes to accompany film strips (F. H. Ludlam and R. S. Scorer); *review* by D. E. Pedgley, 28
- Pakistan Meteorological Service; G. A. Bull, 57
- Parker, A. E.; Some effects of gusts on aircraft, 225
- Parry, T. H.; *obituary*, 342
- Pearce, R. P.; Über land- und Seewinde an der Küste der Insel Usedom und ihre bioklimatische Bedeutung, *review*, 188
- Pedgley, D. E.; Pair of colour film strips on clouds; and notes to accompany film strips, *review*, 28
- Pepper, W. L.; *retirement*, 93
- Peters, W. C.; *retirement*, 250
- Photograph of striated cirrus, 218, *photograph facing* 216
- Physikalisch-Statistische Regeln als Grundlagen für Wetter- und Witterungsvorhersagen, Bd. II (F. Baur); *review* by H. H. Lamb, 346
- Pico-Aerologische Untersuchungen über Temperatur- und Windverhältnisse der bodennahen Schicht bis 1000 m Höhe in Lindenberg (H. Henning); *review* by L. Jacobs, 85
- Pilsbury, R. K.; *Orographic waves over Malta*, 17
- Planetary and space science, Vol. 1, No. 1; *review* by R. J. Murgatroyd, 349
- Powers, L. H.; *obituary* by H. E. Carter, 92
- Preparation and use of charts of the distribution of relative vorticity; B. G. Wales-Smith, 4
- Prior, W. A. S.; *retirement*, 125
- Quick method of allowing for trajectory curvature when estimating the gradient wind from forecast contour charts for westbound North Atlantic flights; F. E. Lumb, 262
- Radok, U., Schultz, K. G., and Hogarth, D. F.; Some upper wind observations for the tropical Indian Ocean, 97

- on the  
ions by
- th two-  
R. W.
- Meteor-
- ations,
- Meteor-  
artificial  
da, 250  
review,
- South  
277  
ll area,
- isbury,  
da, 189
- otes to  
am and  
ley, 28  
bull, 57  
ircraft,
- an der  
biokli-
- ips on  
strips,
- tograph
- diagen  
rsagen,  
ab, 346  
Tem-  
boden-  
enberg
- Malta,
- No. 1;
- 92  
tribution  
ith, 4
- y cur-  
t wind  
bound  
262
- D. F.;  
or the
- Rainbow; Port of Spain, Trinidad; W. A. Grinstead, 55
- Rainfall analysis at Woodthorpe, Nottinghamshire; A. B. Tinn, 65
- Rainfall of November 1958, 32; December 1958, 64; January 1959, 96; February 1959, 128; March 1959, 160; April 1959, 192; May 1959, 224; June 1959, 255; July 1959, 256; August 1959, 288; September 1959, 320; October 1959, 352
- Rainfall variations over a small area; J. Oliver, 289
- Rate of ascent of free balloons; R. Frost, 70
- Recent seasonal climatic trends of pressure and temperature variability over Great Britain; J. Glasspoole, 137
- Record low temperature at Shawbury; J. G. Gallagher, 15
- Reynolds, G. W.; Nine minutes of cloud decay, 144
- Rigg, J. B.; A compendium of mathematics and physics, *review*, 251
- Rime ice on the Cotswolds—February 1959; J. Konieczny, 339, *photographs between* 338, 339
- Rime ice photographs; W. N. Burton, 57, *photographs facing* 48
- Ring current hypothesis (N. Wax); *review* by R. H. Collingbourne, 283
- Robinson, G. D.; United Kingdom contribution to the International Geophysical Year 1957–58, *review*, 89
- Ross, S. M.; Unusual phenomena during a foggy period with temperatures below freezing, 314
- Rowles, H. B.; Introduction to meteorology, *review*, 344
- Rudlin, R. M.; *retirement*, 27
- Runway light range as a subjective measurement; A. C. Best, 161
- Saunders, P. M.; Showers, 233, *photographs between* 240, 241
- Schultz, K. G., Hogarth, D. F., and Radok, U.; Some upper wind observations for the tropical Indian Ocean, 97
- Scotney, H. A.; *retirement*, 27
- Seeley, Flt. Lieut. T.; Air Efficiency Award, 317
- Shellard, H. C.; The frequency of fog in the London area compared with that in rural areas of East Anglia and south-east England, 321
- Showers; P. M. Saunders, 233
- Smith, G. T.; *retirement*, 250
- Snow in relation to certain synoptic parameters; R. Murray, 324
- Snow Survey of Great Britain, 246
- Solar-terrestrische Beziehungen in Meteorologie und Biologie (Hellmut Berg); *review* by D. H. McIntosh, 89
- Sports activities, 220, 282, 316
- Starkey-Smith, T. R. S.; *retirement*, 316
- Stevens, F. J.; *retirement*, 93
- Stewart, K. H.; Air waves from a volcanic explosion, 1
- Stopford-Sackville, N. V.; Farming weather, *review*, 154
- Summer sea-breeze at Ismailia (D. E. Pedgley); *official publication*, 25
- Sumner, E. J.; Blocking anticyclones in the Atlantic-European sector of the northern hemisphere, 300
- Synoptic study of anomalies of surface air temperature over the Atlantic half of the northern hemisphere (J. M. Craddock and C. A. S. Lowndes); *official publication*, 124
- Tattering rate of flags as an index of exposure to wind; D. Thomas, 67, *photograph facing* 90
- Telegraph wires broken by rime ice, 218, *photograph facing* 217
- Temperature gradient at Blackpool; R. E. Booth, 110, *photograph facing* 113
- Temperature gradient in the air above an ice sheet; R. A. Hamilton, 38
- Thaw fog; C. S. Durst, 334
- Third Congress of the World Meteorological Organization; C. W. G. Daking, 203
- Thomas, D.; The tattering rate of flags as an index of exposure to wind, 67
- Thomas, E. R.; Visibility and surface wind at Manchester Airport, 104
- Thomas, M. J.; *retirement*, 249
- Threshold of space; *review* by B. C. V. Oddie, 123
- Thunderstorm at Sharjah, Persian Gulf, on 23 November 1957; R. Murray and G. A. Coulthard, 176, *photographs facing* 177
- Tinn, A. B.; Rainfall analysis at Woodthorpe, Nottinghamshire, 65
- Tomkins, W. J.; *retirement*, 58
- Transliteration of Cyrillic alphabets, 341
- Tropical meteorology; *Meteorological Office discussion*, 113
- Turner, H. S.; The geographical distribution of clear-air turbulence, 33
- Twenty-four hour forecasts by the method of Estoque; D. G. James and R. C. Smith, 171
- Twenty years after; A. H. Gordon, 257, *photographs facing* 277
- Über land-und Seewinde an der Küste der Insel Usedom und ihre bioklimatische Bedeutung (Helmut Zemker); *review* by R. P. Pearce, 188
- United Kingdom contribution to the International Geophysical Year 1957–58; *review* by G. D. Robinson, 89
- Unusual phenomena during a foggy period with temperatures below freezing; S. M. Ross, 314
- Upper wind observations for the tropical Indian Ocean; D. F. Hogarth, U. Radok and K. G. Schultz, 97
- Veryard, R. G.; *retirement*, 342
- Visibility and surface wind at Manchester Airport; E. R. Thomas, 104
- Wales-Smith, B. G.; The preparation and use of charts of the distribution of relative vorticity, 4
- Walker, Sir Gilbert; *obituary* by S. Basu, 90

- Wallington, C. E.; Natural aerodynamics, *review*, 345
- Waterspout at Nassau, Bahamas, 12 April 1957; A. Beynon, 47, *photographs between* 48 and 49
- Weather of 1958 in the British Isles; R. E. Booth, 66
- Weather of September 1958, 29; October 1958, 30, 61; November 1958, 31, 62, 93; December 1958, 63, 94, 125; January 1959, 95, 126, 157; February 1959, 127, 158, 189; March 1959, 159, 190, 221; April 1959, 191, 222, 252; May 1959, 223, 253, 284; June 1959, 254, 285, 286; July 1959, 254, 287, 317; August 1959, 287, 318, 349; September 1959, 319, 350; October 1959, 351
- "Weather Watcher" in the Denmark Straits; *photograph facing* 91
- Weatherwise gardening (S. A. Searle and L. P. Smith); *review* by E. G. Gilbert, 156
- Wilson, R.; Light scattering by small particles, *review*, 59
- Winstone, J. H.; *obituary*, 342
- Wood, C. H.; *retirement*, 250
- Works of the Academy of Athens, 24, No. 1. The areas of sunspots in the two hemispheres, *book received*, 29
- World distribution of atmospheric water vapour pressure (G. A. Tunnell); *official publication*, 59
- Zobel, R. F.; awarded O.B.E., 248

---

The responsibility for facts and opinions expressed in the signed articles and letters published in this magazine rests with their respective authors.

PUBLISHED FOR THE METEOROLOGICAL OFFICE BY HER MAJESTY'S STATIONERY OFFICE

*Crown Copyright Reserved*

To be purchased from

York House, Kingsway, LONDON, W.C.2	423 Oxford Street, LONDON, W.1
13a Castle Street, EDINBURGH, 2	109 St. Mary Street, CARDIFF
39 King Street, MANCHESTER, 2	Tower Lane, BRISTOL, 1
2 Edmund Street, BIRMINGHAM, 3	80 Chichester Street, BELFAST
or from any Bookseller	

and L. P.  
articles,

1. The  
spheres,  
vapour  
lication,

---

ublished





